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8/23/02

Atty. Docket No.: 17633/1235

PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Habener, et al  
Serial No.: 09/963,875  
Filed: September 26, 2001  
Entitled: Stem Cells of Islets of Langerhans  
and Their Use in Treating Diabetes  
Mellitus

Examiner

Not Yet Assigned

Group Art Unit: 1632

Conf. No.: 9674

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**CERTIFICATE OF MAILING UNDER 37 CFR 1.10**

I hereby certify that the paper (and any paper or fee referred to as being enclosed) is being deposited in the United States Postal Service using Express Mail to Addressee Service, under 37 C.F.R. Section 1.10, **Express Mail Label No. EL326924139US** on this date, February 1, 2002, postage prepaid, in an envelope addressed to Commissioner for Patents, Washington, D.C. 20231.

Kathleen M. Williams

Name of Person Mailing Paper

Signature of Person Mailing Paper

Commissioner for Patents  
Washington, D.C. 20231

**TRANSMITTAL LETTER**

Enclosed for filing in the above-identified patent application, please find the following documents:

1. Information Disclosure Statement;
2. Form PTO-1449
3. Copies of Cited References; and
4. Return Post Card.

The Commissioner for Patents is hereby authorized to charge any additional fees or credit any overpayment in the total fees to Deposit Account No. 16-0085, Reference No. 17633/1235.  
A duplicate of this transmittal letter is enclosed for this purpose.

Respectfully submitted,

Date: February 1, 2002

Kathleen M. Williams

Registration No.: 34,380

Customer No.: 29933

Palmer &amp; Dodge LLP

111 Huntington Avenue

Boston, MA 02199-7613

Tel: 617-239-0100

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Kathleen M. Williams

Name of Person Mailing Paper

Signature of Person Mailing Paper

Commissioner for Patents  
Washington, D.C. 20231

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR §§ 1.56, 1.97 AND 1.98**

Dear Sir:


In accordance with the duty of disclosure under 37 CFR § 1.56, Applicant submits this Information Disclosure Statement pursuant to 37 CFR §§ 1.97 and 1.98 in the above-identified application for consideration by the Patent Office. A listing of the cited documents is also enclosed, as well as, for the Examiner's convenience, copies of the documents in the list. Pursuant to CFR § 1.97(b)(3), because this Statement is being submitted before the first Office Action on the merits, no fee is required.

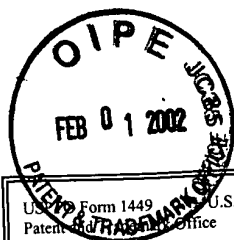
Applicant does not intend to represent that any of the documents submitted herein are material prior art to this invention or that the list represents an exhaustive search of documents related to this invention.

Applicant respectfully requests that the documents submitted herein be considered and made of record in this application.

Respectfully submitted,

Date: 2/1/02

  
Kathleen M. Williams  
Registration No.: 34,380  
Customer No.: 29933  
Palmer & Dodge LLP  
111 Huntington Avenue  
Boston, MA 02199-7613  
Tel: 617-239-0100



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Patent and Trademark Office

## INFORMATION DISCLOSURE STATEMENT

Attorney Docket No.

17633/1235

Serial No.

09/963,875

Applicant(s): Habener, et al

Filing Date: September 26, 2001

Group: 1632

## U.S. PATENT DOCUMENTS

Examiner Initial	Patent No.	Date	Name	Class	Subclass	Filing Date (if appropriate)

## FOREIGN PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Country	Class	Subclass	Translation	
						YES	NO

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

1	Bouwens, Luc, Transdifferentiation Versus Stem Cell Hypothesis for the Regeneration of Islet Beta-Cells in the Pancreas, <i>Micro. Res. Tech</i> (1998) 43:332-336
2	Cornelius, et al, In Vitro Generation of Islets in Long Term Cultures of Pluripotent Sem Cells From Adult Mouse Pancreas, <i>Horm. Metab. Res.</i> (1997) 29:271-277
3	Dahlstrand et al, Characterization of the Human Nestin Gene Reveals a Close Evolutionary Relationship to Neurofilaments, <i>Journal of Cell Science</i> (1992) 103:589-597
4	Ferber et al, Pancreatic and Duodenal Homeobox Gene 1 Induces Expression of Insulin Genes in Liver and Ameliorates Streptozotocin-Induced Hyperglycemia, <i>Nature Med.</i> (2000) 6: 568-572
5	Lendahl et al, CNS Stem Cells Express a New Class of Intermediate Filament Protein, <i>Cell</i> (1990) 60: 585-595
6	Ramiya et al, Reversal of Insulin-Dependent Diabetes Using Islets Generated In Vitro From Pancreatic Stem Cells, <i>Nature Med.</i> (2000) 6: 278-282
7	Stoffers, et al, Insulinotropic Glucagon-Like Peptide 1 Agonists Stimulate Expression of Homeodomain Protein IDX-1 and Increase Islet Size in Mouse Pancreas, <i>Diabetes</i> (2000) 49: 741-748
8	Xu, et al, Exendin-4 Stimulates Both $\beta$ -Cell Replication and Neogenesis, Resulting in Increased $\beta$ -Cell Mass and Improved Glucose Tolerance in Diabetic Rats, <i>Diabetes</i> (1999) 48: 2270-2276

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

\*\*Copies of references not provided at the time of this submission.